PATENT APPLICATION

ECLARATION AND POWER OF AT OR PATENT APPLICATION

ATTORNE

As a below named inventor, I hereby declare that

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural

names are listed below) of the subject matter which is claimed and for which a patent is sought n the invention emitted:

EM AND METHODS FOR AUTOMATIC DSP PROCESSING the specification of which is filed herewith assess the following box is checked:

(X) was filed on July 13, 2001 as US Application Serial No. or PCT International Application

Number 09/904,465 and was amended on (if applicable).

state that I have reviewed and understood the contents of the above-identified specification, including the ns, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: NO:
Pennisianal Amelian			YES: NO:

ovisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE	
60/219,351	July 14, 2000	

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

APPLICATION SERIAL NUMBER	EU DIC DATE	
THE	FILING DATE	STATUS(patented/pending/abandoned)
WER OF ATTORNEY	Į.	· · · · · · · · · · · · · · · · · · ·

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Add Attorney Name and Reg. No.	Katie E. Sako, Reg. No. 32628	Daniel D. Crouse, Reg. No. 32022	Steven J. Rocci, Reg. No. 30,48
	Steven J. Rocci, Reg. No. 30,489		, , , , , , , , , , , , , , , , , , ,

Send Correspondence to:

Contact Name Steven J. Rocci

Firm Name Woodcock Washburn Kurtz Mackiewicz & North LLP Firm Address One Liberty Place - 46th Floor

City, State and Zip Philadelphia, Pennsylvania

Direct Telephone Calls To:

Contact Name Steven J. Rocci

Contact Phone Number, 215 558 3100

information and belief are believed to be true; and further that these willful false statements and the like so made are punishable by fine of 18 of the United States Code and that such willful false statements me patent issued thereon.	se statements were made with the knowledge that
Full Name of Inventor: STEVEN E. SWENSON	Citizenship: United States of America
Residence: 15228 NE 73rd Street, Redmond, Washington 98052 Post Office Address: Redmond, Washington 98052	
Inventor's Signature	8/24/200 /
Full Name of Inventor: THEODORE CALHOUN TANNER, JR. Residence: 909 147th Place NE, Bellevue, Washington 98007 Post Office Address: 909 147th Place NE, Bellevue, Washington 98007	Citizenship: United States of America
Inventor's Signature	Date

Date

PATENT APPLICATION

DECLARATION AND POWER OF ATTO EY FOR PATENT APPLICATION

ATTORNEY I

KET NO. MSFT-0584/167511.2

As a below named inventor, I hereby declare that:

My r sidence/post office address and citizenship are as stated below n xt to my name;

I believe I am the original, first and sole inventor (if only one name is listed bel w) or an original, first and joint inventor (if plural names are listed bel w) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SESTEM AND METHODS FOR AUTOMATIC DSP PROCESSING the specification of which is filed herewith

unless the following box is checked:

(X) was filed on July 13, 2001 as US Application Serial No. or PCT International Application

Number 09/904,465 and was amended on _____ (if applicable).

I here state that I have reviewed and understood the contents of the above-identified specification, including the claim, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119	
			YES: NO:	
			YES: NO:	

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE	
60/219,351	July 14, 2000	

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Add Attorney Name and Reg. No.	Katie E. Sako, Reg. No. 32628	Daniel D. Crouse, Reg. No. 32022	Steven J. Rocci, Reg. No. 30,489
	Steven J. Rocci, Reg. No. 30,489		
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Contact Phone Number: 215 568 3100

I hereby declare that all statements mad herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: STEVEN E. SWENSON

Residence: 15228 NE 73rd Street, Redmond, Washington 98052
Post Office Address: Redmond, Washington 98052

Inventor's Signature

Date

Full Name of Inventor: THEODORE CALHOUN TANNER, JR.

Citizenship: United States of America

Residence: 909 147th Place NE, Bellevue, Washington 98007
Post Office Address: 909 147th Place NE, Bellevue, Washington 98007

September 5 4 2001

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DOCKET NO.: MSFT-0584/167511.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Steven E. Swenson and Theodore Calhoun Tanner, Jr.

Serial No.: 09/904,465 **Group Art Unit:** 2152

Filed: July 13, 2001 Examiner: Not Yet Assigned

For: SYSTEM AND METHODS FOR

AUTOMATIC DSP PROCESSING

Assistant Commissioner for Patents Washington, DC 20231

Sir:

ASSOCIATE POWER OF ATTORNEY

The undersigned, of the firm WOODCOCK WASHBURN LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

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Gary H. Levin	Registration No. 28,734	Harold H. Fullmer	Registration No. 42,560
Dianne B. Elderkin	Registration No. 28,598	John E. McGlynn	Registration No. 42,863
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Henrik D. Parker	Registration No. 31,863	Paul K. Legaard	Registration No. 38,534
Suzanne E. Miller	Registration No. 32,279	Chad Ziegler	Registration No. 44,273
Lynn B. Morreale	Registration No. 32,842	Gwilym J.O. Attwell	Registration No. 45,449
Mark DeLuca	Registration No. 33,229	David N. Farsiou	Registration No. 44,104
Joseph Lucci	Registration No. 33,307	Steven H. Meyer	Registration No. 37,189
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Michael D. Stein	Registration No. 34,734	Joseph R. Condo	Registration No. 42,431
Albert J. Marcellino	Registration No. 34,664	Michael K. Jones	Registration No. 41,100
David R. Bailey	Registration No. 35,057	Frank T. Carroll	Registration No. 42,392
Doreen Yatko Trujillo	Registration No. 35,719	Mark J. Rosen	Registration No. 39,822
Barbara L. Mullin	Registration No. 38,250	Eric H. Vance	Registration No. 47,151
Michael P. Straher	Registration No. 38,325	Peter M. Ullman	Registration No. 43,963
Kevin M. Flannery	Registration No. 35,871	Thomas E. Watson	Registration No. 43,243
David A. Cherry	Registration No. 35,099	Richard B. LeBlanc	Registration No. 39,495
Robert B. Washburn	Registration No. 16,574	Joseph D. Rossi	Registration No. 47,038
Norman L. Norris	Registration No. 24,196	Rosaleen P. Morris	Registration No. 47,321
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DOCKET NO.: MSFT-0584/167511.2

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tion	No.	P48,481
tion	No.	P49,049
tion	No.	P48,444

PATENT

Vincent J. Roccia Robin S. Quartin Patrick J. Farley Gregory L. Hillyer Susan C. Murphy Raymond N. Scott, Jr. David L. Marcus Christine A. Goddard Ellen M. Klann Registration No. 43,887 Registration No. 45,028 Registration No. 42,524 Registration No. 44,154 Registration No. 46,221 Registration No. P48,666 Registration No. 46,897 Registration No. 46,731 Registration No. 44,836	Andrew J. Hagerty Emma R. Dailey Stephen C. Timmins Erich M. Falke Jane Inglese Janet E. Reed Scott E. Scioli Lawrence A. Aaronson John A. Harrelson Jeffrey J. King	Registration No. 44,141 Registration No. P48,491 Registration No. P48,481 Registration No. P49,049 Registration No. P48,444 Registration No. 36,252 Registration No. 47,930 Registration No. 38,369 Registration No. 42,637 Registration No. 38,515
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his associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN LLP at the above address.

Date: October 9, 2001

Registration No. 30,489

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